PUBLIC HEALTH ACT 1875.

# ANNUAL REPORT

ON

# THE HEALTH

OF THE

# Whitworth Urban District

# DURING 1910.

BY

ALEXANDER WELSH, M.D., Whitworth.

Medical Officer of Health.

Whitworth:

HOWARD, PRINTER AND STATIONER, MARKET STREET.

# THE HEALTH COMMITTEE

*Consists of the following Members:*

CHAIRMAN—WILLIAM CARRADICE.

MESSRS. J. BUTTERWORTH

JAMES H. HEYS

JAMES W. HILL

JONATHAN R. LAW

GEORGE B. STORIE

HANDEL K. TAYLOR

# WHITWORTH URBAN DISTRICT

## Medical Officer's Annual Report
### for the year 1910.

*To the Chairman and Councillors of the Whitworth Urban District.*

GENTLEMEN:

I have the honour to submit to your consideration the Annual Health Report of the Whitworth Urban District, for the year 1910.

By Section 14 of the duties of the Medical Officer of Health, as defined by the general order of the Local Government Board, it is stated that the Annual Report of such Officer shall comprise:

1st. A summary of action taken during the year for preventing the spread of disease.

2nd. An account of the sanitary state of the district generally, at the end of the year.

3rd. An account of the enquiries made by such officer, as to conditions injurious to health existing in the district, and of the proceedings relating to such conditions, in which he has taken part, or advised, under the Public Health Act, 1875.

4th. An account of the supervision exercised by him, or, on his advice, over places and houses which the sanitary authority have power to regulate, together with the action, if any, taken in regard to offensive trades, to factories, and to workshops.

5th. Tabulated statement of the sickness and mortality within the district, classified according to diseases, ages, and localities.

## AREA AND ESTIMATED POPULATION.

The area of the Whitworth Urban District is 6,300 acres; the population of the district at the last census was 9,578; the number of inhabited houses was 2,325; the number of persons per house 4·1; and the population is now estimated at 10,000.

## BIRTHS.

The Births registered during the year number 194; Males 97, Females 97; an increase of 5 on the previous year; giving a birth rate of 19·4 per 1000.

The rate for preceding ten years being as under:—

| | | | |
|---|---|---|---|
| 1900 | 24·9 | 1905 | 20·7 |
| 1901 | 20·8 | 1906 | 18·2 |
| 1902 | 22·5 | 1907 | 17 8 |
| 1903 | 22·5 | 1908 | 17·9 |
| 1904 | 20·8 | 1909 | 18·9 |

1910.....19·4

The following table gives the births in the respective Wards for the undermentioned years:—

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1901 | 23 | 75 | 59 | 43 | 200 |
| 1902 | 32 | 87 | 52 | 47 | 218 |
| 1903 | 42 | 70 | 56 | 50 | 218 |
| 1904 | 30 | 84 | 45 | 41 | 200 |
| 1905 | 34 | 72 | 55 | 40 | 201 |
| 1906 | 30 | 61 | 46 | 39 | 176 |
| 1907 | 24 | 67 | 47 | 40 | 178 |
| 1908 | 28 | 75 | 49 | 27 | 179 |
| 1909 | 35 | 67 | 45 | 42 | 189 |
| 1910 | 35 | 65 | 65 | 29 | 194 |

## DEATHS.

The Deaths registered during the year number 119; Males 53, Females 66; a decrease of 56 on the previous year, and giving a death rate of 11·9 per 1000.

The rate for preceding ten years being as under :—

| | | | |
|---|---|---|---|
| 1900 | 19·6 | 1905 | 14·4 |
| 1901 | I7·2 | 1906 | 15 3 |
| 1902 | 15·2 | 1907 | 16·8 |
| 1903 | 14·3 | 1908 | 15·7 |
| 1904 | 19·3 | 1909 | 17·5 |
| 1910 | 11·9 | | |

The following table gives the deaths in the respective Wards for the undermentioned years :—

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1901 | 26 | 59 | 33 | 47 | — 165 |
| 1902 | 19 | 69 | 30 | 29 | — 147 |
| 1903 | 20 | 53 | 36 | 30 | — 139 |
| 1904 | 26 | 70 | 47 | 43 | — 186 |
| 1905 | 19 | 52 | 41 | 27 | — 139 |
| 1906 | 19 | 60 | 34 | 35 | — 148 |
| 1907 | 23 | 68 | 41 | 36 | — 168 |
| 1908 | 19 | 70 | 35 | 33 | — 157 |
| 1909 | 27 | 75 | 33 | 40 | — 175 |
| 1910 | 16 | 42 | 35 | 26 | — 119 |

Mortality from all causes at the subjoined ages :—

| | | |
|---|---|---|
| Deaths under 1 year | 16 | 21 |
| ,, at 1 and under 5 years | 5 | |
| ,, 5 ,, 15 ,, | 8 | 98 |
| ,, 15 ,, 25 ,, | 4 | |
| ,, 25 ,, 65 ,, | 57 | |
| ,, 65 and upwards | 29 | |
| | 119 | 119 |

The following deaths were received after the completion of tables I to V, and too late for insertion.

October 6th—Rochdale Infirmary—G.S., Female, 32 years, Facit : Appendicitis.

December 5th—Rochdale Infirmary—S.J., Female, 34 years, Facit : Intestinal Obstruction.

## INFANTILE MORTALITY.

The number of deaths of infants under one year was 16; a decrease of 9 on the previous year; giving an infantile mortality per 1000 births of 82·4. This is a very satisfactory reduction and much may be done by the appointment of a health visitor to reduce to a further extent the loss of infantile life.

I may mention here a scheme organized by Sir John Brunner at Winnington. In 1906 arrangements were made for a competent nurse to instruct mothers in the care of infants, and he offered a bonus to the parents of all children reported as healthy at the end of the first year of life.

In 1905 the deaths per 1000 numbered 146; in 1907 it fell to 58; in 1908 there was not a single death, and last year there was only one death.

The following table gives the mortalities for the undermentioned years:—

| | | | |
|---|---|---|---|
| 1901 | 150·0 | 1906 | 130·6 |
| 1902 | 100·9 | 1907 | 95·4 |
| 1903 | 142·2 | 1908 | 184·3 |
| 1904 | 160·0 | 1909 | 132·2 |
| 1905 | 84·5 | 1910 | 82·4 |

The following table gives the number of deaths under one year for the preceding ten years:—

| | | | |
|---|---|---|---|
| 1900 | 44 | 1905 | 17 |
| 1901 | 30 | 1906 | 23 |
| 1902 | 22 | 1907 | 17 |
| 1903 | 31 | 1908 | 33 |
| 1904 | 32 | 1909 | 25 |

1910..... 16

Causes of infantile mortality under one year.

Bronchitis 1; Marasmus 5; other Tubercular diseases 1; Premature Birth 3; Congenital Defects 1; Injury at Birth 1; Syphilis 1; Coroner's Enquiry 1; Inquest 1; Other Causes 1; Total 16.

# MORTALITY FROM ALL CAUSES.

| Diseases. | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 |
|---|---|---|---|---|---|---|---|---|---|
| Small-pox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 1 | 0 | 9 | 0 | 1 | 1 | 0 | 11 | 0 |
| Scarlet Fever | 0 | 1 | 2 | 0 | 0 | 2 | 1 | 0 | 2 |
| Whooping Cough | 0 | 1 | 9 | 0 | 0 | 0 | 4 | 5 | 0 |
| Diphtheria | 0 | 0 | 2 | 5 | 5 | 2 | 3 | 2 | 1 |
| Fever — Typhus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fever — Enteric | 1 | 1 | 3 | 1 | 1 | 2 | 0 | 0 | 0 |
| Fever — Puerperal Fever | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 |
| Epidemic Influenza | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Cholera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plague | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diarrhœa | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 |
| Enteritis | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 |
| Erysipelas | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Other Septic Diseases | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phthisis | 14 | 12 | 18 | 9 | 9 | 12 | 12 | 17 | 9 |
| Other Tubercular Diseases | 5 | 4 | 7 | 1 | 2 | 1 | 14 | 3 | 1 |
| Cancer Malignant Disease | 3 | 13 | 1 | 4 | 7 | 16 | 8 | 10 | 9 |
| Bronchitis 6, Pneumonia 6, Pleurisy 0 | 29 | 24 | 45 | 26 | 41 | 35 | 23 | 29 | 12 |
| Other Diseases of Respiratory Organs | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Alcoholism, Cirrhosis of the Liver | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venereal Diseases | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| Premature Birth | 0 | 0 | 1 | 3 | 3 | 0 | 2 | 3 | 3 |
| Diseases and Accidents of Parturition | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 1 |
| Heart Disease | 18 | 6 | 9 | 14 | 10 | 21 | 13 | 21 | 11 |
| A ents | 5 | 4 | 5 | 4 | 0 | 1 | 1 | 0 | 0 |
| S es | 0 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 |
| Coroner's Enquiries | 0 | 0 | 4 | 3 | 6 | 4 | 1 | 1 | 1 |
| Inquests | 0 | 2 | 3 | 3 | 9 | 5 | 4 | 4 | 3 |
| Marasmus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Tubercular Meningitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Meningitis | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 |
| All Other Causes | 67 | 67 | 65 | 60 | 50 | 62 | 67 | 60 | 48 |
| Total | 147 | 139 | 180 | 139 | 150 | 168 | 15 | 175 | 119 |

## ZYMOTIC, OR INFECTIOUS DISEASES.

4 deaths have been registered during the year. For the previous year 19 deaths were registered.

The Zymotic death rate is 0·4 per 1000.

The following table gives the number of deaths for the undermentioned years.

| | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 |
|---|---|---|---|---|---|---|---|
| Small-pox | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 9 | 0 | 1 | 1 | 0 | 11 | 0 |
| Scarlatina | 2 | 0 | 0 | 2 | 1 | 0 | 2 |
| Whooping Cough | 9 | 0 | 0 | 0 | 4 | 5 | 0 |
| Diphtheria | 2 | 5 | 3 | 2 | 3 | 2 | 1 |
| Diarrhœa | 0 | 1 | 0 | 2 | 0 | 1 | 0 |
| Enteric Fever | 3 | 1 | 1 | 2 | 0 | 0 | 0 |
| | 25 | 7 | 5 | 9 | 8 | 19 | 3 |

The following table gives the zymotic death rate for the preceding ten years :—

| | |
|---|---|
| 1900.....1·8 | 1905... .....0·72 |
| 1901.....0·31 | 1906.....0·51 |
| 1902.....0·45 | 1907.....0·90 |
| 1903.....0·41 | 1908.....0·80 |
| 1904.....2·6 | 1909.....1·9 |

1910.....0·4

### SMALL-POX.

Nil.

### MEASLES.

Nil.

11 deaths were registered last year from Measles, and special reports sent to the Local Government Board and County Council.

## SCARLATINA.

This disease has been prevalent during the whole year more or less. It has been mild in character, and in some cases not typical of a true scarlatinal infection. One Medical man has expressed decided views on this point. Whatever doubts there may have been with regard to the nature of the disease there has been no doubt about its power of infectivity.

109 cases have been notified, and 2 deaths registered, aged 11 and 9 years respectively, from secondary complications.

Last year 13 cases were notified and no deaths registered.

The following table shows the incidence of occurrence during the year in each Ward.

| Month | Healey | Whitworth | Facit | Shawforth |
|---|---|---|---|---|
| Jan. | 0 | 3 | 1 | 0 |
| Feb. | 0 | 8 | 0 | 1 |
| March | 0 | 9 | 0 | 1 |
| April | 1 | 4 | 5 | 1 |
| May | 0 | 1 | 0 | 0 |
| June | 0 | 0 | 4 | 0 |
| July | 0 | 0 | 8 | 0 |
| Aug. | 1 | 3 | 9 | 3 |
| Sept. | 0 | 0 | 7 | 2 |
| Oct. | 0 | 2 | 4 | 5 |
| Nov. | 0 | 1 | 7 | 7 |
| Dec. | 0 | 2 | 5 | 4 |
| | 2 | 33 | 50 | 24 |
| | | 109 | | |

In order to check the spread of the disease as much as possible, a request was sent to the Managers of the Sunday Schools to close also during the holidays. This

instruction was followed by a marked diminution of the incidence of the disease in Whitworth Ward.

The permissive closing of Sunday Schools is wrong in principle, so long as compulsory closure of the Day Schools is recognised by the Authorities as a means of checking the spread of infectious disease.

With the view of further preventing the spread of infectious disease in schools, a systematic notification of absentees should be forwarded by the School Authorities to the Medical Officer of Health, and no child be re-admitted to school without the production of a certificate from a medical man.

The whole question of school attendance requires revision. The Government grant is earned by means of attendance. All interested in this question will agree that the weight of evidence is against the attendance system. This is not the fault of the Local Education Authority. Article 101 of the Old Code should be restored authorizing the "epidemic grant."

By the attendance system pressure is exercised by the School Attendance Officer in order to get the children to school.

Parents send their children to school sooner than they ought to, and teachers are as anxious for their return.

Some consideration however should be made for the teacher. If, in the discharge of their duties, they should send a suspected sick child home, they are liable to be considered harsh, and consequently incur the censure of the parents. This should not deter them, however, from the necessary supervision of their scholars during an epidemic of infectious disease.

## DIPHTHERIA.

12 cases have been notified and one death registered (in Whitworth Ward) during the year.

Last year 11 cases were notified and 2 deaths registered.

The following table shows the incidence of attack in the different Wards :—

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1909 | 0 | 8 | 0 | 3 | 11 |
| 1910 | 3 | 6 | 3 | 0 | 12 |

The source of infection could not be attributed to either milk or water pollution.

Anti-Diphtheritic Serum is supplied by the Council.

## WHOOPING COUGH.

This disease has been prevalent during the last quarter of the year. It is not a notifiable disease, and no death has been registered.

Last year 5 deaths were registered, and in 1908 4 deaths were registered.

I am afraid parents and teachers have not fully realized the danger of this disease. It is one of the most infectious of early life, and much more fatal (especially in infancy) than is commonly considered. Too much care cannot be exercised by both parents and teachers when a persistent cough of a suspicious nature attacks a child ; and if attending school the child ought to be withdrawn at once.

## PUERPERAL FEVER.

During the year one fatal case of Puerperal Fever has been reported in Healey ward.

This case was reported to the County Supervising Authority.

The Inspector came over, made inquiries into the circumstances of the case, and the midwife was suspended from further duty.

## ENTERIC FEVER.

3 cases have been notified and no deaths registered.

This is the third year in succession that I have to report the non-registration of a death from this disease.

## ERYSIPELAS.

16 cases of Erysipelas have been notified ; a decrease of 4 on the previous year.

The cases have been notified as under :—

| | | | |
|---|---|---|---|
| Healey | 2 | Facit | 6 |
| Whitworth | 8 | Shawforth | 0 |

## PHTHISIS.

9 deaths have been registered ; a decrease of nearly 50 per cent. on the previous year, giving a death rate of 0·9 per 1000.

The notification of Phthisis is compulsory only under Poor Law administration at present. General adoption is only a matter of time. I need not enlarge here, on the various measures to be taken to prevent the spread of Phthisis, viz., educative and administrative. I would however emphasize the fact, that the most pressing necessity of the present time is the urgent need of means for the isolation of the sick from the healthy, in the sole interest of the healthy, in advanced and hopeless cases

The following table gives details of the 9 cases registered.

| Age | Sex | Ward | Occupation |
|---|---|---|---|
| 31 | F. | Healey | Housekeeper |
| 42 | M. | Whitworth | Cotton Spinner |
| 19 | M. | Whitworth | Cotton Weaver |
| 55 | F. | Facit | Housekeeper |
| 41 | M. | Shawforth | Quarryman |
| 54 | M. | Facit | Quarryman |
| 61 | M. | Whitworth | Quarryman |
| 24 | F. | Whitworth | Weaver |
| 27 | F. | Shawforth | Weaver |

The following table gives the number of deaths in the Wards for the undermentioned years :—

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1901 | 3 | 7 | 4 | 3 | 17 |
| 1902 | 3 | 5 | 3 | 3 | 14 |
| 1903 | 1 | 5 | 3 | 3 | 12 |
| 1904 | 2 | 9 | 6 | 1 | 18 |
| 1905 | 2 | 2 | 5 | 0 | 9 |
| 1906 | 1 | 3 | 4 | 1 | 9 |
| 1907 | 2 | 6 | 4 | 0 | 12 |
| 1908 | 0 | 8 | 3 | 1 | 12 |
| 1909 | 2 | 9 | 5 | 1 | 17 |
| 1910 | 1 | 4 | 2 | 2 | 9 |

A joint conference of members of the Rochdale Health Committee, Board of Guardians, and the Sanitary Authorities of the districts in the Rochdale Uuion, have met to consider the adoption of measures to prevent the spread of Phthisis. It was unanimously resolved that it is desirable that the provisions of the Infectious Disease (notification) Act, 1889, should apply to Phthisis.

## CANCER AND MALIGNANT DISEASE.

9 deaths have been registered ; a decrease of 1 on the previous year, and distributed in the Wards as under.

| Year. | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1908 | 1 | 2 | 2 | 3 | 8 |
| 1909 | 3 | 2 | 3 | 2 | 10 |
| 1910 | 2 | 5 | 1 | 1 | 9 |

## BRONCHITIS, PNEUMONIA, AND PLEURISY.

12 deaths have been registered ; a decrease of 17 on the previous year, giving a death rate of 1·2 per 1000.

The following table gives the number of deaths in the Wards for the undermentioned years.

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1901 | 6 | 14 | 7 | 11 | 38 |
| 1902 | 2 | 13 | 4 | 10 | 29 |
| 1903 | 2 | 14 | 5 | 3 | 24 |
| 1904 | 5 | 19 | 9 | 12 | 45 |
| 1905 | 2 | 11 | 7 | 6 | 26 |
| 1906 | 4 | 21 | 10 | 6 | 41 |
| 1907 | 4 | 16 | 10 | 5 | 35 |
| 1908 | 0 | 9 | 5 | 9 | 23 |
| 1909 | 4 | 14 | 2 | 9 | 29 |
| 1910 | 2 | 4 | 3 | 3 | 12 |

The following table gives the deaths for the previous ten years :—

| | |
|---|---|
| 1900.....48 | 1905.....26 |
| 1901.....38 | 1906.....41 |
| 1902.....29 | 1907.....35 |
| 1903.....24 | 1908.....23 |
| 1904.....45 | 1909.....29 |

1910.....12

## HEART DISEASE.

The number of deaths registered for the year is 11 ; a decrease of 10 on the previous year.

The following table shows the number in each Ward for the undermentioned years :—

| Year | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| 1901 | 4 | 4 | 4 | 1 | 13 |
| 1902 | 3 | 8 | 5 | 2 | 18 |
| 1903 | 5 | 0 | 1 | 0 | 6 |
| 1904 | 4 | 2 | 1 | 2 | 9 |
| 1905 | 1 | 7 | 3 | 3 | 14 |
| 1906 | 0 | 4 | 5 | 1 | 10 |
| 1907 | 3 | 7 | 7 | 4 | 21 |
| 1908 | 3 | 8 | 1 | 1 | 13 |
| 1909 | 7 | 7 | 6 | 1 | 21 |
| 1910 | 1 | 6 | 3 | 1 | 11 |

The following table gives the total number of deaths for the previous ten years :—

| | | | |
|---|---|---|---|
| 1900 | 11 | 1905 | 14 |
| 1901 | 13 | 1906 | 10 |
| 1902 | 18 | 1907 | 21 |
| 1903 | 6 | 1908 | 13 |
| 1904 | 9 | 1909 | 21 |

1910.....11

## NOTIFICATIONS.

The total number of notifications received during the year is 141 ; an increase of 98 on the previous year.

| | 1908 | 1909 | 1910 |
|---|---|---|---|
| Diphtheria | 9 | 11 | 12 |
| Erysipelas | 17 | 20 | 16 |
| Scarlatina | 27 | 13 | 109 |
| Enteric Fever | 4 | 4 | 3 |
| Puerperal Fever | 0 | 1 | 1 |
| | 57 | 49 | 141 |

The following table gives the Wards

| | Healey | Whitworth | Facit | Shawforth | Total |
|---|---|---|---|---|---|
| Diphtheria | 3 | 6 | 3 | 0 | 12 |
| Erysipelas | 2 | 8 | 6 | 0 | 16 |
| Scarlatina | 2 | 33 | 50 | 24 | 109 |
| Enteric Fever | 1 | 0 | 2 | 0 | 3 |
| Puerperal Fever | 1 | 0 | 0 | 0 | 1 |
| | 9 | 47 | 61 | 24 | 141 |

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## SEWERAGE AND DRAINAGE.

The method of disposal is by precipitation and land filtration. The reports of the County Officials have again been satisfactory during the year.

The monthly reports of the Sanitary Inspector deal periodically with defects as they arise.

## EXCREMENT DISPOSAL.

The method of disposal is carried out on the pail system.

The water carriage system is adopted on all new property. The number of fresh water closets is 168, and waste water closets 134.

The water closet system is also recommended where any alterations are required for old property.

Owing to repeated complaints of nuisances arising from the manholes, the screening chamber at Leavengreave has been discontinued.

## WATER SUPPLY

From reservoirs of Rochdale Corporation in your district and in some cases from private cisterns. The supplies from both sources have been satisfactory.

## SLAUGHTER HOUSES

Are visited, and reported upon by the Inspector at your monthly meetings. They are plentifully supplied with Corporation water.

The Inspector has attended the usual course of lectures on meat inspection and obtained the Certificate.

## BAKE HOUSES.

The sanitary inspection of these, whether wholesale or retail, where manual labour only is employed is entrusted by the Factory and Workshops Act, 1901, to the Local Sanitary Authority.

There are no underground bake houses, and the provisions of the Factory and Workshops Act have been carried out satisfactorily.

## LODGING HOUSES.

We have one "registered" "home for working men" in the district. It is well kept, and under capable management.

## COW-SHEDS AND DAIRIES.

Farms and cowsheds are regularly inspected, and reported upon monthly.

These regulations have been followed by a marked improvement in the interest of public health in the production and distribution of our milk supply.

The Local Government Order of 1885 was adopted in 1887, and again by notice publicly dated May, 11th, 1910.

## FACTORY AND WORKSHOP ACT.

Section 132 of the above Act requires that all workshops shall be under the control of the Sanitary Authority, that the Medical Officer of Health shall report on the administration of the Act, and forward the same to the Secretary of State.

The details are given in the Inspector's report, and the tables have been forwarded as required to the Secretary of State.

## MIDWIVES ACT, 1902.

Under the above Act, from the 1st of April, 1910, "No woman shall habitually and for gain attend women in childbirth otherwise than under the direction of a qualified medical practitioner unless she be certified under this Act."

A qualified midwife must register, keep a bag of appliances, case book, and give yearly notice to the Local Supervising Authority.

We have only one qualified midwife on the Register.

## NOTIFICATION OF BIRTHS ACT, 1907.

The object of this Act is to provide a speedy means whereby information of the birth of a child may be given to the Medical Officer of Health, and should be supplemented by the appointment of a nurse or health visitor whose duty would be to advise on the general management of the mother and baby, under the direction and at the request of a medical man.

## HOSPITAL ACCOMMODATION.

We have hospital accommodation for twelve beds.

## SCHOOLS—SANITARY CONDITION OF

The question of school accommodation and sanitary condition of the schools at the north end of the district is receiving the attention of the School Authorities at Preston.

The alteration recommended at Hallfold, Facit Wesleyan, and Facit St. John's have all been attended to satisfactorily.

## SPECIAL REPORTS.

It has not been necessary to foward any Reports to the Local Government Board or County Council during the past year on infectious disease or school closure.

## BYELAWS.

New Byelaws have been compiled and received the sanction of the Local Government Board.

The clauses relating to the keeping of pigs require revision.

## SUMMARY.

The chief points of interest to be noted in this year's report are :—

A slight increase in the birth rate.

A marked reduction in the death rate. Low death rates in June (6 per 1000) and November (4·8 per 1000.)

A reduction in the rate of infantile mortality from 133·2 per 1000 births in 1909, to 82·4 in 1910.

A decrease in the zymotic death rate, the respective deaths being, 1909—19, 1910—4.

A large increase in the number of notifications of Scarlatina, of school origin, due in some measure, I think, to the percentage half-holiday system which encourages pressure attendance.

There is also a marked decrease in the number of cases of Phthisis.

I desire again to thank the members and officers of the Council for their courtesy and assistance during the year.

I am, Gentlemen,

Your obedient servant,

ALEXANDER WELSH, M.D.,

Medical Officer of Health.

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1910 AND PREVIOUS YEARS

| Year. | Population estimated to Middle of each Year. | Births. | | Total Deaths Registered in the District. | | | | Total Deaths in Public Institutions in the District. | Deaths of Non-residents registered in Public Institutions in the District | Deaths of Residents registered in Public Institutions beyond the District | Nett Deaths at all Ages belonging to the District | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 1 Year of age | | At all Ages | | | | | | |
| | | Number | Rate | Number | Rate per 1000 Births Registered | Number | Rate | | | | Number | Rate |
| 1900 | 10150 | 253 | 24·9 | 44 | 173·9 | 200 | 19 6 | ... | ... | ... | ... | ... |
| 1901 | 9578 | 200 | 20·1 | 30 | 150·0 | 165 | 17·2 | ... | ... | ... | ... | ... |
| 1902 | 9649 | 218 | 22·5 | 22 | 100·9 | 147 | 15·2 | ... | ... | ... | ... | ... |
| 1903 | 9688 | 218 | 22·5 | 31 | 142·2 | 139 | 14·3 | ... | ... | ... | ... | ... |
| 1904 | 9600 | 200 | 20·8 | 32 | 160·0 | 186 | 19·3 | ... | ... | ... | ... | ... |
| 1905 | 9640 | 201 | 20·7 | 17 | 84·5 | 139 | 14·4 | ... | ... | ... | ... | ... |
| 1906 | 9666 | 176 | 18·2 | 23 | 130·7 | 150 | 15·3 | ... | ... | 2 | ... | ... |
| 1907 | 10000 | 178 | 17·8 | 17 | 95·4 | 168 | 16 8 | ... | ... | 1 | ... | ... |
| 1908 | 10000 | 179 | 17·9 | 33 | 184·3 | 157 | 15·7 | ... | ... | 1 | ... | ... |
| 1909 | 10000 | 189 | 18·9 | 25 | 132·2 | 175 | 17·5 | ... | ... | 2 | ... | ... |
| Averages for years 1900-1909 | 9797.1 | 201·2 | 20·4 | 27·4 | 135·4 | 162·6 | 16·5 | ... | ... | ... | ... | ... |
| 1910 | 10000 | 194 | 19·4 | 16 | 82·4 | 119 | 11·9 | ... | ... | 1 | ... | ... |

TABLE II.—VITAL STATISTICS OF SEPARATE LOCALITIES IN 1910 AND PREVIOUS YEARS.

| Names of Localities. | HEALEY | | | | WHITWORH | | | | FACIT. | | | | SHAWFORTH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR. | Population estimated to middle of each year. | Births registered. | Deaths at all Ages. | Deaths under 1 year. | Population estimated to middle of each year. | Births registered. | Deaths at all Ages. | Deaths under 1 year. | Population estimated to middle of each year. | Births registered. | Deaths at all Ages. | Deaths under 1 year. | Population estimated to middle of each year. | Births registered. | Deaths at all Ages. | Deaths under 1 year. |
| 1890..... | | | | | | | | | | | | | | | | |
| 1901..... | 1690 | 23 | 26 | 2 | 3432 | 75 | 59 | 13 | 2705 | 59 | 33 | 4 | 1751 | 43 | 47 | 11 |
| 1902..... | 1703 | 32 | 19 | 2 | 3450 | 87 | 69 | 10 | 2727 | 52 | 30 | 7 | 1769 | 47 | 29 | 3 |
| 1903..... | 1714 | 42 | 20 | 3 | 3458 | 70 | 53 | 13 | 2737 | 56 | 36 | 10 | 1779 | 50 | 30 | 5 |
| 1904..... | 1718 | 30 | 26 | 4 | 3472 | 84 | 70 | 12 | 2737 | 45 | 47 | 5 | 1779 | 41 | 43 | 11 |
| 1905..... | 1733 | 34 | 19 | 2 | 3492 | 72 | 52 | 6 | 2748 | 55 | 41 | 4 | 1792 | 40 | 27 | 5 |
| 1906..... | 1744 | 30 | 19 | 3 | 3493 | 61 | 60 | 11 | 2760 | 46 | 34 | 5 | 1796 | 39 | 35 | 4 |
| 1907..... | 1745 | 24 | 23 | 5 | 3492 | 67 | 68 | 4 | 2766 | 47 | 41 | 3 | 1800 | 40 | 36 | 5 |
| 1908..... | 1754 | 28 | 19 | 2 | 3498 | 75 | 69 | 16 | 2780 | 49 | 35 | 8 | 1793 | 27 | 34 | 7 |
| 1909..... | 1762 | 35 | 27 | 0 | 3490 | 67 | 75 | 14 | 2792 | 45 | 33 | 4 | 1795 | 42 | 40 | 7 |
| Averages of Years 1900 to 1909. | | | | | | | | | | | | | | | | |
| 1910..... | 1781 | 35 | 16 | 3 | 3514 | 65 | 41 | 3 | 2822 | 65 | 35 | 5 | 1798 | 29 | 26 | 5 |

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING YEAR 1910

| Notifiable Disease. | At all Ages | Total cases notified in each locality. | | | |
|---|---|---|---|---|---|
| | | Healey | Whitworth | Facit | Shawforth |
| Small-pox | ... | ... | ... | ... | ... |
| Cholera | ... | ... | ... | ... | ... |
| Diphtheria and Membranous Croup | 12 | 3 | 6 | 3 | ... |
| Erysipelas | 16 | 2 | 8 | 6 | ... |
| Scarlet Fever | 109 | 2 | 33 | 50 | 24 |
| Typhus Fever | ... | ... | ... | ... | ... |
| Enteric Fever | 3 | 1 | ... | 2 | ... |
| Relapsing Fever | ... | ... | ... | ... | ... |
| Continued Fever | ... | ... | ... | ... | ... |
| Puerperal Fever | 1 | 1 | ... | ... | ... |
| Plague | ... | ... | ... | ... | ... |
| Totals | 141 | 9 | 47 | 61 | 24 |

TABLE IV.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1910.

| CAUSES OF DEATH. | Deaths at the subjoined ages of "Residents", whether occurring in or beyond the District' | | | | | | | Deaths in or belonging to Localities (at all ages) | | | | Total Deaths whether of Residents or Non-Residents in Public Institutions in District |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All Ages | Under 1 year | 1 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 65 | 65 and upward | Healey | Whitw'rth | Facit | Shawforth | |
| Small-pox ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Scarlet Fever ... ... | 2 | ... | .. | 2 | ... | ... | ... | ... | ... | 1 | 1 | ... |
| Whooping-cough ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria and Membranous Croup ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| Croup ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fever { Typhus ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fever { Enteric ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fever { Other continued... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Epidemic Influenza ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Plague ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diarrhœa ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteritis ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever ... ... | 1 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... |
| Erysipelas ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Septic Diseases ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Phthisis (Pulmonary Tuberculosis) ... | 9 | ... | ... | ... | 2 | 7 | ... | 1 | 4 | 2 | 2 | ... |
| Other tubercular diseases | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... |
| Cancer, Malignant Disease | 9 | ... | ... | ... | ... | 8 | 1 | 2 | 5 | 1 | 1 | ... |
| Bronchitis ... ... ... | 6 | 1 | 1 | ... | ... | 1 | 3 | 1 | 1 | 2 | 2 | ... |
| Pneumonia... ... ... | 6 | ... | ... | 1 | ... | 5 | ... | 1 | 3 | 1 | 1 | ... |
| Pleurisy ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Diseases of Respiratory Organs ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Alcoholism } Cirrhosis of Liver } ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Venereal Diseases... ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| Premature birth ... ... | 3 | 3 | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... |
| Diseases and accidents of parturition ... ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... |
| Heart Diseases ... ... | 11 | ... | ... | 1 | ... | 6 | 4 | 1 | 6 | 2 | 2 | ... |
| Accidents ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Suicides ... ... ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... |
| Inquests ... ... ... | 5 | 1 | ... | ... | ... | 2 | 2 | 1 | ... | 1 | 3 | ... |
| Coroner's Inquiry... ... | 1 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... |
| Marasmus ... ... ... | 5 | 5 | ... | ... | ... | ... | ... | ... | 1 | 2 | 2 | ... |
| Tuber Meningitis... ... | 4 | ... | 1 | 3 | ... | ... | ... | ... | 1 | 2 | 1 | ... |
| Meningitis... ... ... | 4 | ... | 2 | ... | 1 | 1 | ... | ... | ... | 1 | 3 | ... |
| All other causes ... ... | 48 | 3 | ... | 1 | 1 | 24 | 19 | 7 | 19 | 15 | 7 | 1 |
| All causes ... ... | 119 | 16 | 5 | 8 | 4 | 57 | 29 | 16 | 42 | 35 | 26 | 1 |

## TABLE V.—INFANTILE MORTALITY

### Deaths from Stated Causes in Weeks

| CAUSES OF DEATH. | | Under 1 Week | 1-2 Weeks | 2-3 Weeks | 3-4 Weeks | Total under 1 Month |
|---|---|---|---|---|---|---|
| All Causes. | Certified ... ... ... | ... | ... | ... | ... | ... |
| | Uncertified ... ... ... | ... | ... | ... | ... | ... |
| Common Infectious Diseases. | Small-pox ... ... ... | ... | ... | ... | ... | ... |
| | Chicken-pox ... ... | ... | ... | ... | ... | ... |
| | Measles ... ... ... | ... | ... | ... | ... | ... |
| | Scarlet Fever ... ... | ... | ... | ... | ... | ... |
| | Diphtheria: Croup ... | ... | ... | ... | ... | ... |
| | Whooping Cough ... ... | ... | ... | ... | ... | ... |
| Diarrhœal Diseases. | Diarrhœa, all forms ... | ... | ... | ... | ... | ... |
| | Enteritis (*not Tuberculous*) | ... | ... | ... | ... | ... |
| | Gastritis, Gastro-intestinal Catarrh | ... | ... | ... | ... | ... |
| Wasting Diseases. | Premature Birth ... ... | 1 | 2 | ... | ... | 3 |
| | Congenital Defects ... | 1 | ... | ... | ... | 1 |
| | Injury at Birth ... ... | 1 | ... | ... | ... | 1 |
| | Want of Breast-milk ... | ... | ... | ... | ... | ... |
| | Atrophy, Debility Marasmus | 2 | ... | ... | ... | 2 |
| Tuberculous Diseases. | Tuberculous Meningitis... | .. | ... | ... | ... | ... |
| | Tuberculous Peritonitis: Tabes Mesenterica | ... | ... | ... | ... | ... |
| | Other Tuberculous Diseases | ... | ... | ... | ... | ... |
| Other Causes. | Erysipelas ... ... ... | ... | ... | ... | ... | ... |
| | Syphilis ... ... ... | ... | ... | ... | ... | ... |
| | Rickets ... ... ... | ... | .. | ... | ... | ... |
| | Meningitis *not Tuberculous* | ... | ... | ... | ... | ... |
| | Convulsions ... ... | ... | ... | ... | ... | ... |
| | Bronchitis ... ... ... | ... | ... | ... | ... | ... |
| | Laryngitis ... ... ... | ... | ... | ... | ... | ... |
| | Pneumonia... ... ... | ... | ... | ... | ... | ... |
| | Suffocation, overlaying ... | ... | ... | ... | ... | ... |
| | Inquest ... ... ... | ... | ... | ... | ... | ... |
| | Coroner's Inquiry ... | ... | ... | ... | ... | ... |
| | Other Causes ... ... | ... | ... | ... | ... | ... |
| | | 5 | 2 | ... | ... | 7 |

Births in the year { legitimate, 190. illegitimate, 4.

Deaths in the year { legitimate infants, 16 illegitimate infants, 0

DURING THE YEAR 1910.

AND MONTHS UNDER ONE YEAR OF AGE.

| 1-2 Months | 2-3 Months | 3-4 Months | 4-5 Months | 5-6 Months | 6-7 Months | 7-8 Months | 8-9 Months | 9-10 Months | 10-11 Months | 11-12 Months | Total Deaths under One Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | 1 | ... | ... | ... | ... | ... | .. | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 |
| ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |
| 3 | 3 | ... | ... | ... | 1 | 1 | ... | 1 | ... | ... | 16 |

Estimated Population to middle of 1910, 10,000.

Deaths from all causes at all Ages, 119.

# Sanitary Inspector's Report.

**Year ending December 31st, 1910.**

*To the Chairman and Members of the Whitworth Urban District Council.*

Gentlemen,

I beg to submit to you my eighth Annual Report for the twelve months ended 31st December, 1910.

The following schedule gives in brief the details of the cases attended to by me during the year :—

| | |
|---|---|
| New closets erected (waste water system) | 12 |
| New closets erected (pail system) | 8 |
| New closets erected (fresh water) | 6 |
| Closets & ash-places requiring proper doors & coverings | 51 |
| Closets abolished (pail system) | 2 |
| Closets cleaned and limewashed | 21 |
| Closets repaired (defective roofs, &c.) | 16 |
| Closets re-built | 2 |
| Closets repaired (new seats, &c ) | 2 |
| Additional pail closets provided | 4 |
| Mill closets insufficiently screened | 1 |
| Defective fresh water closets | 1 |
| Blocked up waste water closets | 14 |
| Urinal drains trapped | 2 |
| Offensive accumulations removed | 8 |

| | |
|---|---|
| Defective bath wastes | 1 |
| Defective lavatory wastes | 2 |
| Defective drains re-laid | 14 |
| Defective slop-stone pipes (new ones fixed) | 27 |
| Defective eaves and downspouts | 32 |
| Defective water supplies remedied | 2 |
| Defective soil pipes remedied | 1 |
| Defective cellar floors re-laid | 2 |
| Defective exits to fire escapes | 4 |
| Defective gully blocks re-placed | 5 |
| Defective yards re-flagged | 1 |
| Drains tested (by smoke) | 5 |
| Drains opened and cleansed | 37 |
| Drains inside Cowsheds removed and fixed outside | 0 |
| New tile drains laid | 9 |
| Stone drains abolished | 4 |
| Slop-stone pipes disconnected from drains | 49 |
| House drains trapped | 30 |
| New drains for Cowsheds provided | 2 |
| New cisterns constructed for water supplies | 2 |
| Gully traps cleansed | 27 |
| Filthy premises cleaned, &c | 5 |
| Filthy passages, &c. cleaned | 11 |
| Ash-pits repaired (defective roofs, &c ) | 7 |
| Ash-pits re-built | 1 |
| Ash-pits abolished | 1 |
| New ash-pits erected | 5 |
| Smoke nuisance | 1 |
| New fire escapes erected | 2 |
| Houses disinfected | 98 |
| Shippon floors repaired | 4 |
| Nuisances from poultry, pigeons, and animals | 3 |
| Beds burned by request | 2 |
| Preliminary notices sent for abatement of nuisances | 122 |
| Owners and occupiers seen personally re nuisances | 72 |
| Complaints received | 31 |
| Miscellaneous | 20 |

826 loads of nightsoil have been deposited at the Outfall works.

| Infectious Diseases. | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 |
|---|---|---|---|---|---|---|---|---|
| Scarlatina | 59 | 17 | 15 | 32 | 20 | 27 | 13 | 109 |
| Enteric Fever | 10 | 12 | 5 | 6 | 3 | 4 | 4 | 3 |
| Puerperal Fever | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| Diphtheria | 0 | 4 | 12 | 5 | 4 | 9 | 11 | 12 |
| Membranous Croup. | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| Erysipelas | 18 | 11 | 10 | 9 | 21 | 17 | 20 | 16 |
| Variola (Small-pox). | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 101 | 45 | 45 | 54 | 51 | 57 | 49 | 141 |

520 visits were made to infected houses,, enquiries made as to the cause or origin of the disease, instructions given as to isolation of the infected persons, and disinfection of infected articles.

The following cases of Scarlatina have occurred in children attending the undermentioned schools :—

| | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 |
|---|---|---|---|---|---|---|---|---|
| Shawforth Wesleyan.. | 8 | 0 | 1 | 8 | 1 | 1 | 0 | 19 |
| Facit St. John's | 3 | 1 | 4 | 4 | 1 | 6 | 2 | 22 |
| Lloyd Street | 8 | 2 | 1 | 2 | 3 | 4 | 3 | 18 |
| Hallfold | 8 | 1 | 1 | 5 | 0 | 1 | 2 | 1 |
| Healey | 1 | 0 | 3 | 0 | 0 | 4 | 0 | 0 |
| Facit Wesleyan | 5 | 1 | 0 | 0 | 4 | 1 | 2 | 7 |
| ShawforthS. Michael's | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 |
| St. Anselm's | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 5 |
| Under school age | 26 | 12 | 5 | 12 | 9 | 8 | 3 | 34 |
| Schools out of district (Private | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 59 | 17 | 15 | 32 | 20 | 27 | 13 | 109 |

Further lavatory accommodation has been provided at Hallfold School, Facit Wesleyan School, and St. John's School.

The workshops within the district have been visited and inspected under the above Act, and on the whole have been found to be kept in a clean condition.

The following are a list of workshops within the district coming under the Act ;—

| | |
|---|---|
| Dressmakers | 9 |
| Milliners | 2 |
| Dressmakers and Milliners | 1 |
| Stocking Knitting | 1 |
| Boot, Shoe, and Clog Makers | 2 |
| Boot and Shoe | 3 |
| Clog Makers | 10 |
| Bakers and Confectioners | 19 |
| Oat Cake Bakers | 1 |
| Saddle and Harness Makers | 1 |
| Tailors | 1 |
| Other Trades | 7 |
| | 58 |

## FACTORY AND WORKSHOP ACT, 1901.

Two factories in the district not being provided with sufficient means of escape in case of fire, notice was sent calling their attention to this.

One notice from H. M. Inspector of Factories has been received, and was complied with.

Certificates, with respect to means of escape in case of fire, have been issued to two factories in the district as required by the above Act.

The fire escapes, &c. at the various factories are periodically inspected.

131 visits have been paid under the above Act.

## Dairies, Cowsheds, and Milkshops Order, 1885, and Regulations, 1910.

During the year the Council have made Regulations with respect to the above, and 44 persons have applied to

be registered as cowkeepers and purveyors of milk. Certificates were duly issued, and they have been placed upon the register.

During the year 152 inspections were made.

The cowsheds are kept in a cleanly condition, but the milking stock in many cases are still not kept as clean about the udders and hind quarters as they might be, and are often covered with dung.

Since I last reported this I have found improvements in many of the stocks, and I expect to find still further improvements during the year.

There is one registered Common Lodging House in the district. This is kept clean and well conducted.

There is one tripe boiling establishment in the district This has been visited at intervals, and found to be kept in a clean condition.

There are nine slaughter houses within the district, (two are at present vacant). These have been regularly inspected, and are kept in a clean condition.

Two petrol licences have been issued during the year

The removal of ashes and excreta is very satisfactory

The Hospital is in thorough order and kept in a cleanly condition.

During the year several house drains have been connected to the Council's sewer.

I am, Gentlemen,

Your obedient servant,

JNO. J. CORDINGLEY, A.R.S.I., R.P.C.

Sanitary Inspector.